What is claimed is:

1. A waist elastic system for a disposable absorbent pant comprising a chassis including a front panel, a back panel, a crotch panel, and an absorbent structure on said crotch panel, said front panel and said back panel being selectively joined to form a waist opening and a pair of leg openings, said waist elastic system comprising:

an elongate sleeve member defining an elongate passage therein, and being generally peripherally disposed about said waist opening, and

an elongate elastic member disposed within said elongate passage,

said waist elastic system having a maximum magnitude of decay of about 125 grams at an extension of about 300 millimeters over the first three cycles.

2. The waist elastic system of claim 1 wherein said maximum magnitude of decay is about 76.98 grams.

3. The waist elastic system of claim 2 wherein said maximum magnitude of decay is about 59.18 grams.

4. The waist elastic system of claim 1 wherein said elongate elastic member comprises an outermost peripheral edge and an innermost peripheral edge, and

wherein said absorbent structure comprises an absorbent end edge,

said innermost peripheral edge of said elongate elastic member being spaced from said absorbent end edge between about 5 millimeters to about 20 millimeters.

5. The waist elastic system of claim 1 wherein said chassis is a multi-layer chassis comprising at least two layers,

one of said layers having a peripheral edge portion at said waist opening and being folded upon itself to form said elongate sleeve member.

6. The waist elastic system of claim 5 wherein said one layer is a nonwoven layer.

7. A waist elastic system for a disposable absorbent pant comprising a chassis including a front panel, a back panel, a crotch panel, and an absorbent structure on said crotch panel, said front panel and said back panel being selectively joined to form a waist opening and a pair of leg openings, said waist elastic system comprising:

an elongate sleeve member defining an elongate passage therein, and being generally disposed about said waist opening, and

an elongate elastic member disposed within said elongate passage,

said waist elastic system having a maximum magnitude of decay of about 90 grams at an extension of about 250 millimeters over the first three cycles.

8. The waist elastic system of claim 7 wherein said maximum magnitude of decay is about 73.42 grams.

9. The waist elastic system of claim 8 wherein said maximum magnitude of decay is about 59.63 grams.

10. The waist elastic system of claim 7 wherein said elongate elastic member comprises an outermost peripheral edge and an innermost peripheral edge, and

wherein said absorbent structure comprises an absorbent end edge,

said innermost peripheral edge of said elongate elastic member being spaced from said absorbent end edge between about 5 millimeters to about 20 millimeters.

11. The waist elastic system of claim 7 wherein said chassis is a multi-layer chassis comprising at least two layers,

one of said layers having a peripheral edge portion at said waist opening and being folded upon itself to form said elongate sleeve member.

12. The waist elastic system of claim 11 wherein said one layer is a nonwoven layer.

13. A waist elastic system for a disposable absorbent pant comprising a chassis including a front panel, a back panel, a crotch panel, and an absorbent structure on said crotch panel, said front panel and said back panel being selectively joined to form a waist opening and a pair of leg openings, said waist elastic system comprising:

an elongate sleeve member defining an elongate passage therein, and being generally peripherally disposed about said waist opening, and

an elongate elastic member disposed within said elongate passage,

said waist elastic system having a maximum magnitude of decay of about 70 grams at an extension of about 200 millimeters over the first three cycles.

14. The waist elastic system of claim 13 wherein said maximum magnitude of decay is about 56.07 grams.

15. The waist elastic system of claim 14 wherein said maximum magnitude of decay is about 44.50 grams.

16. The waist elastic system of claim 13 wherein said elongate elastic member comprises an outermost peripheral edge and an innermost peripheral edge, and

wherein said absorbent structure comprises an absorbent end edge,

said innermost peripheral edge of said elongate elastic member being spaced from said absorbent end edge between about 5 millimeters to about 20 millimeters.

17. The waist elastic system of claim 13 wherein said chassis is a multi-layer chassis comprising at least two layers,

one of said layers having a peripheral edge portion at said waist opening and being folded upon itself to form said elongate sleeve member.

18. The waist elastic system of claim 17 wherein said one layer is a nonwoven layer.

19. A disposable absorbent pant comprising:

a chassis including a front panel, a back panel, a crotch panel, and an absorbent structure on said crotch panel, said front and said back panel being joined together to form a waist opening and a pair of leg openings,

said chassis further including a waist border comprising a layer of material generally peripherally disposed about said waist opening, and

a waist elastic system generally peripherally joined to said waist border, said waist elastic system having a maximum magnitude of decay of about 90 grams at an extension of about 250 millimeters over the first three cycles.

20. The pant of claim 19 wherein said maximum magnitude of decay is about 73.42 grams.

21. The pant of claim 20 wherein said waist elastic system comprises an elongate sleeve member having an elongate passage therein, and an elastic member disposed within said elongate passage.

22. The pant of claim 21 wherein said layer of material is a nonwoven material.

23. The pant of claim 22 wherein said absorbent structure has an absorbent end edge, and

wherein said elastic member has an outermost peripheral edge and an innermost peripheral edge,

said innermost peripheral edge being spaced from said absorbent end edge between about 5 millimeters to about 20 millimeters.

24. The pant of claim 23 wherein said elastic member is a single elastic member.

25. The pant of claim 23 wherein said elastic member is a plurality of elastic members.

26. In a disposable absorbent pant comprising a chassis including a front panel and a back panel joined together to form a waist opening and a pair of leg openings, a crotch panel, and an absorbent structure disposed on said crotch panel;

a waist elastic system having a maximum magnitude of decay of about 150 grams at an extension of about 300 millimeters over the first three cycles.

27. The pant of claim 26 wherein said maximum magnitude of decay is about 76.98 grams.

28. The pant of claim 27 wherein said maximum magnitude of decay is about 59.18 grams.

29. The pant of claim 26 wherein said waist elastic system comprises

an elongate sleeve member defining an elongate passage therein, and being generally peripherally joined about said waist opening, and

an elongate elastic member disposed within said elongate passage.

30. The pant of claim 29 wherein said absorbent structure has an absorbent end edge, and

wherein said elongate elastic member has an outermost peripheral edge and an innermost peripheral edge,

said innermost peripheral edge being spaced from said absorbent end edge between about 5 millimeters to about 20 millimeters.

31. The pant of claim 30 wherein said elongate elastic member is a single elastic member.

32. The pant of claim 30 wherein said elongate elastic member is a plurality of elastic members.